

Attorney Docket No. 930255CD2C/LH

**IN THE UNITED STATES PATENT
AND TRADEMARK OFFICE**

Applicant(s): Yasuhiro KOMIYA et al.

Serial No. To Be Assigned
(Continuation of USSN
09/740,764, filed on
December 19, 2000)

Filed : Concurrently herewith

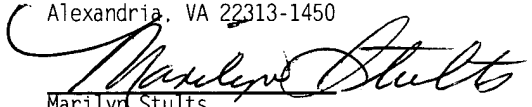
For : IMAGE PROCESSING APPARATUS

Prior
Art Unit : 2623

Prior
Examiner : J. Chang

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Date of Deposit: October 1, 2003
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Marilyn Stults

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06-1378.

INFORMATION DISCLOSURE STATEMENT

S I R :

Submitted herewith are:

1. Copy of several Forms PTO-892 issued by the Examiner in the parent and/or grandparent and/or great-grandparent applications;
2. Copy of several Forms PTO-1449 submitted by applicant in the parent and/or grandparent and/or great-grandparent applications; and
3. Forms PTO/SB/08A and 08B listing the particulars of the documents cited by the Applicant and Examiner in said parent, grandparent, and great-grandparent applications, and which were made "of record" in said parent and/or grandparent and/or great-grandparent applications.

Copies of the publications listed on the attached Forms PTO/SB/08A and 08B are not supplied herewith. As per 37 CFR 1.98(d), which was effective March 16, 1992, copies of publications listed in an Information Disclosure Statement are not required to be provided if the information was cited or submitted in a prior application. The present application properly identifies prior

parent application Serial No. 09/740,764 and prior grandparent application Serial No. 08/969,937, which is a Continuation of great-grandparent application Serial No. 08/045,038 filed on April 8, 1993, and relies upon said prior applications for an earlier filing date under 35 USC 120.

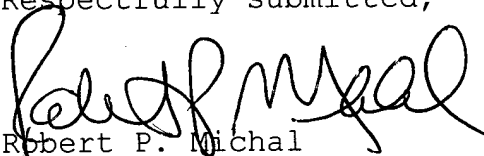
It is respectfully requested that the Examiner consider the publications identified on the attached Forms PTO/SB/08A and 08B submitted herewith and make them of record, as in the parent and/or grandparent and/or great-grandparent applications.

It is further requested that the Examiner return initialed copies of the attached Forms PTO/SB/08A and 08B to confirm that the publications listed therein have been made of record.

The references are all relevant since they are "of record" in the parent and/or grandparent and/or great-grandparent applications which are directed to similar subject matter.

If the Examiner has any comments, questions, objections or recommendations, the Examiner is invited to telephone the undersigned at the telephone number given below for prompt action.

Respectfully submitted,



Robert P. Michal
Reg. No. 35,614

Dated: October 1, 2003

Frishauf, Holtz, Goodman, & Chick, P.C.
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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	To Be Assigned
Filing Date	Herewith
First Named Inventor	Y. Komiya
Art Unit	2623
Examiner Name	J. Chang
Attorney Docket Number	930255CD2C/LH

Sheet _____ of _____

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 3,905,045	09/1975	Nickel	
		US- 4,754,492	06/1988	Malvar	
		US- 4,951,136	08/1990	Drescher et al.	
		US- 4,876,732	10/1989	Miyagawa et al.	
		US- 4,992,781	02/1991	Iwasaki et al.	
		US- 4,994,914	02/1991	Wiseman et al.	
		US- 5,022,085	06/1991	Cok	
		US- 5,054,100	10/1991	Tai	
		US- 5,187,754	02/1993	Curran et al.	
		US- 5,274,453	12/1993	Maeda	
		US- 5,315,390	05/1994	Windrem	
		US- 4,322,741	03/1982	Kawabayashi	
		US- 4,797,942	01/1989	Burt	
		US- 4,999,703	03/1991	Henderson	
		US- 5,136,390	08/1992	Inova et al.	
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		JP 3-108962	05/1991			

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known			
		Application Number	To Be Assigned		
		Filing Date	Herewith		
		First Named Inventor	Y. Komiya		
		Art Unit	2623		
		Examiner Name	J. Chang		
Sheet		of		Attorney Docket Number	930255CD2C/LH

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		PARALLEL DISTRIBUTED PROCESSING, David E. Rumelhart et al., Vol. 1, pgs. 319-362, Chapter 8; The MIT Press, Cambridge, MA, 1986	
		A MULTIREOLUTION SPLINE WITH APPLICATION TO IMAGE MOSAICS, Burt, et al., ACM Transactions on Graphics, vol. 2, no. 4, October 1983, pgs. 217-236	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Notice of References Cited

Application/Control No.

09/740,764

Applicant(s)/Patent Under
Reexamination
KOMIYA ET AL.

Examiner

Jon Chang

Art Unit

2623

Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Nam	Classification
	A	US-4,322,741	03-1982	Kawabayashi, Jun	348/38
	B	US-4,797,942	01-1989	Burt, Peter J.	348/218
	C	US-4,999,703	03-1991	Henderson, Alan R.	315/11.5
	D	US-5,136,390	08-1992	Inova et al.	348/383
	E	US-5,187,754	02-1993	Currin et al.	382/263
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	Burt et al. "A Multiresolution Spline with Application to Image Mosaics." ACM Transactions on Graphics, vol.2, no.4, October 1983, pp.217-236.
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
PTO - 1449

ATTORNEY DOCKET NO.
930255D1/TL

SERIAL NO.
To be
assigned

APPLICANT:

FILED: Concurrently herewith

ART UNIT:

U.S. PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB	
	3,905,045	09/1975	Nickel			
	4,754,492	06/1988	Malvar			
	4,951,136	08/1990	Drescher et al			
	4,876,732	10/1989	Miyagawa et al			
	4,992,781	02/1991	Iwasaki et al			
	4,994,914	02/1991	Wiseman et al			
	5,022,085	06/1991	Cok			
	5,054,100	10/1991	Tai			
	5,187,754	02/1993	Currin et al			
	5,274,453	12/1993	Maeda			
	5,315,390	05/1994	Windrem			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB	TRANSLATION	
						YES	NO
	3-108962	05/1991	Japan			X*	
			*English Abstract supplied				

OTHER DOCUMENTS (AUTHOR, TITLE, DATE, PAGES, PUBLICATION, ETC.)

PARALLEL DISTRIBUTED PROCESSING, David E. Rumelhart et al., Vol. 1,
pgs. 319-362, Chapter 8; The MIT Press, Cambridge, Massachusetts, 1986.

MINER:

DATE CONSIDERED:

FORM PTO-892 (REV. 2-92)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADE-MARK OFFICE		SERIAL NO. 08/645038	GROUP PART UNIT 2613	ATTACHMENT TO PAPER NUMBER 8		
NOTICE OF REFERENCES CITED				APPLICANT(S) KOMIYA et al				
U.S. PATENT DOCUMENTS								
•	DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE		
A	4992781	2/2/91	IWASAKI et al	398	584			
B	5274453	2/20/92	MAEDA	348	584	9/2/91		
C	5315390	5/24/94	WINDREM	348	584	4/2/93		
D	5187754	2/16/93	CURKIN et al	382	54	1/20/91		
E	5022035	6/4/91	COK	395	135			
F	4994914	2/19/91	WISERMAN et al	348	584			
G	5054100	10/1/91	TAI	382	54			
H	4876732	10/24/81	Miyagawa et al	382	11			
I								
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K								
FOREIGN PATENT DOCUMENTS								
•	DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUB-CLASS	PERTINENT SHTS. OWG	PP. SPEC.
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)								
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EXAMINER 7 DA Ressler			DATE 6/8/95					

* A copy of this reference is not being furnished with this office action.
(See Manual of Patent Examining Procedure, section 707.05 (a).)

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SERIAL NO.

02/045,338

GROUP ART UNIT

2616

ATTACHMENT
TO
PAPER
NUMBER

26

NOTICE OF REFERENCES CITED

APPLICANT(S)

KOMIYA et al

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U.S. PATENT DOCUMENTS

	DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
A						
B	3905045	9/9/75	NICKEL	444	1	
C						
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FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUB-CLASS	PERTINENT SHTS. DWG	PP. SPEC.
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

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FORM PTO-892 (REV. 2-82)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	SERIAL NO. <div style="font-size: 1.2em; font-family: cursive;">08/045,838</div>	GROUP ART UNIT <div style="font-size: 1.2em; font-family: cursive;">2613</div>	ATTACHMENT TO PAPER NUMBER <div style="font-size: 1.2em; font-family: cursive;">12</div>	<div style="font-size: 3em; font-family: cursive; opacity: 0.5; position: absolute; right: -50px; top: 0;">COPY</div>
NOTICE OF REFERENCES CITED <div style="font-size: 1.5em; font-family: cursive; margin-top: 10px;">3-4-85</div>		APPLICANT(S) <div style="font-size: 1.2em; font-family: cursive; margin-top: 10px;">KOMIYA et al</div>			

U.S. PATENT DOCUMENTS

•	DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
A	4754992	6/28/88	MALVAR	382	41	
B						
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FOREIGN PATENT DOCUMENTS

•	DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUB-CLASS	PERTINENT SHTS. DWG.	PP. SPEC.
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P								
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

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FORM PTO-892
(REV. 2-92)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

SERIAL NO.

03/045039

GROUPART UNIT

2610

ATTACHMENT
TO
PAPER
NUMBER

24

NOTICE OF REFERENCES CITED

APPLICANT(S)

KOMIYA et al

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U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
A		4951136	8/21/90	DRESCHER et al	358 358	109	
B							
C							
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUB-CLASS	PERTINENT SHTS. DWG.	PP. SPEC.
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

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INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

PTO - 1449

ATTORNEY DOCKET NO.
930255-LHSERIAL NUMBER
08/045,038

APPLICANT: Yasuhiro Komiya et al

FILED: April 8, 1993

ART UNIT: 2613

COPY

U. S. PATENT DOCUMENTS

DOCUMENT NUMBER

DATE

NAME

Class

Sub

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER

DATE

COUNTRY

Class

Sub

Translation
YES NO

3-108962

5/9/91

Japan

X*

*English Abstract Attached

OTHER DOCUMENTS (Author, Title, Date, Pages, Publication, etc.)

PARALLEL DISTRIBUTED PROCESSING, David E. Rumelhart et al.,
Vol. 1, pages 319-362, Chapter 8; The MIT Press, Cambridge
Massachusetts, 1986.

EXAMINER:

DATE CONSIDERED:

December 15, 1993

6/7/94